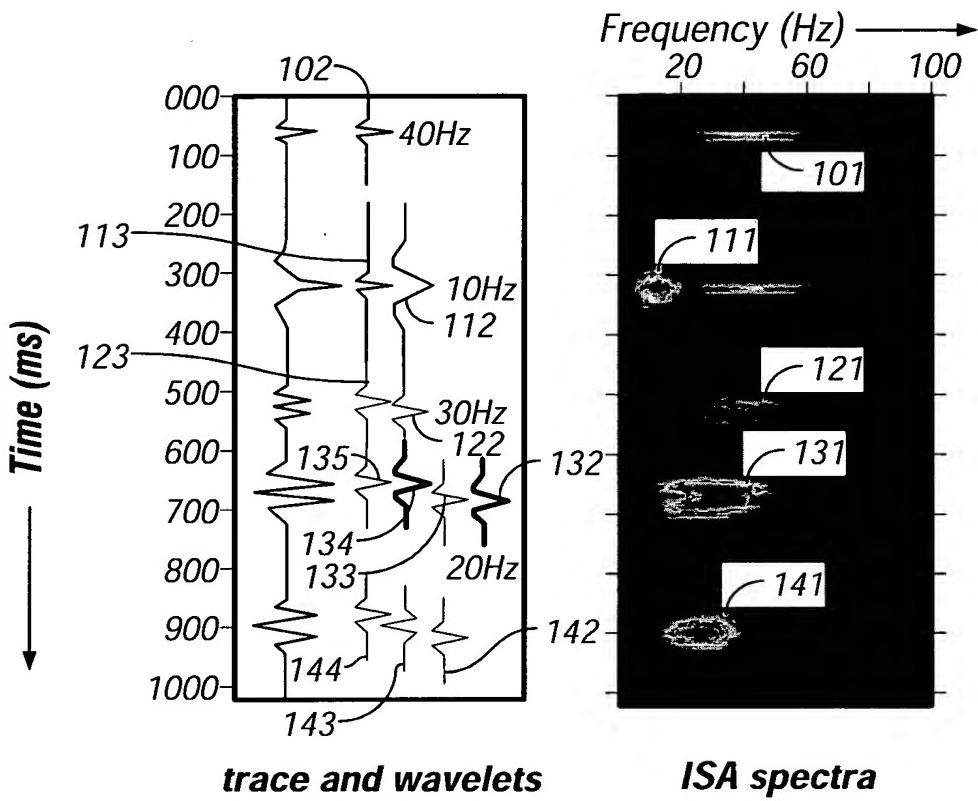




Inventor: John P. Castagna et al.
Title: "Instantaneous Spectral Analysis"
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1/6



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FIG. 1

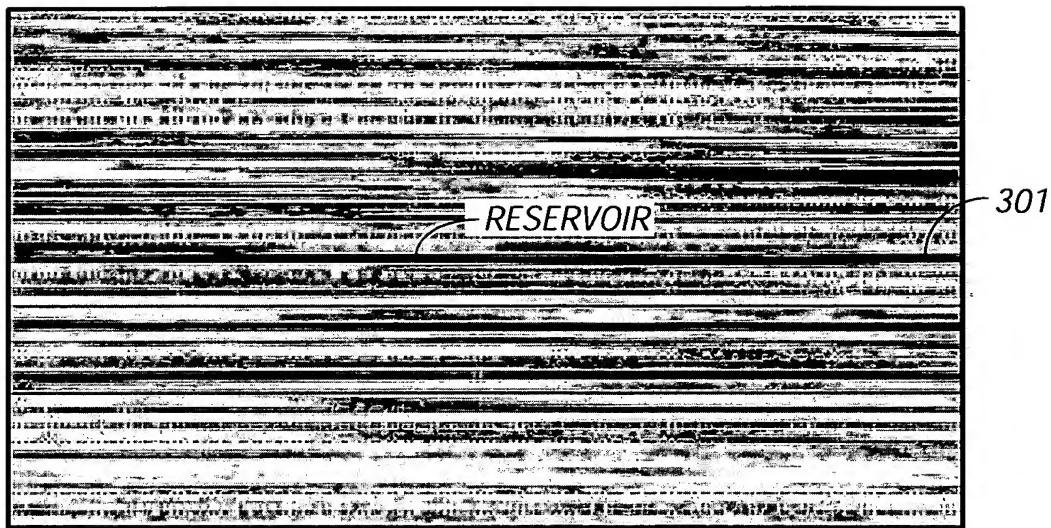


FIG. 3

2/6

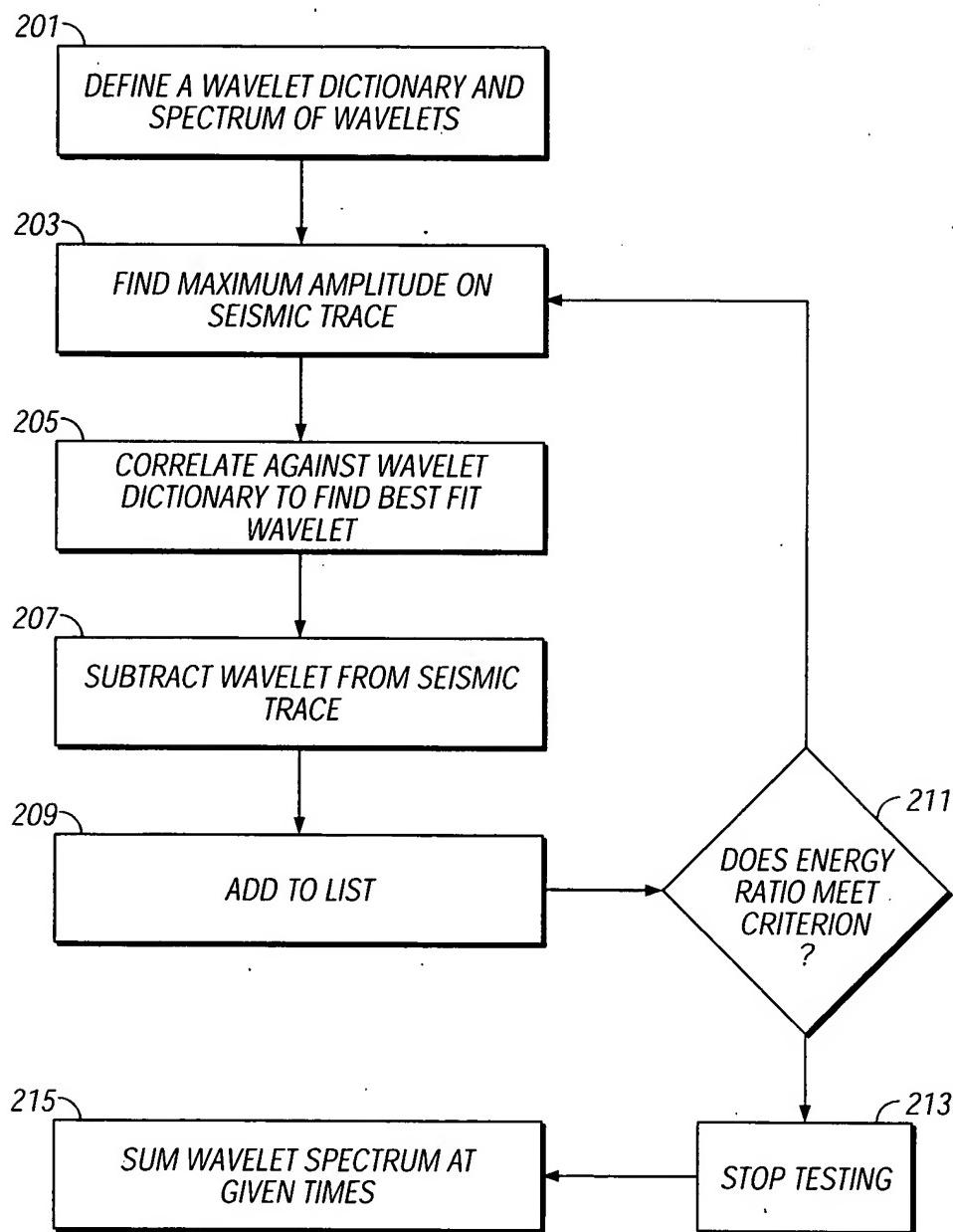
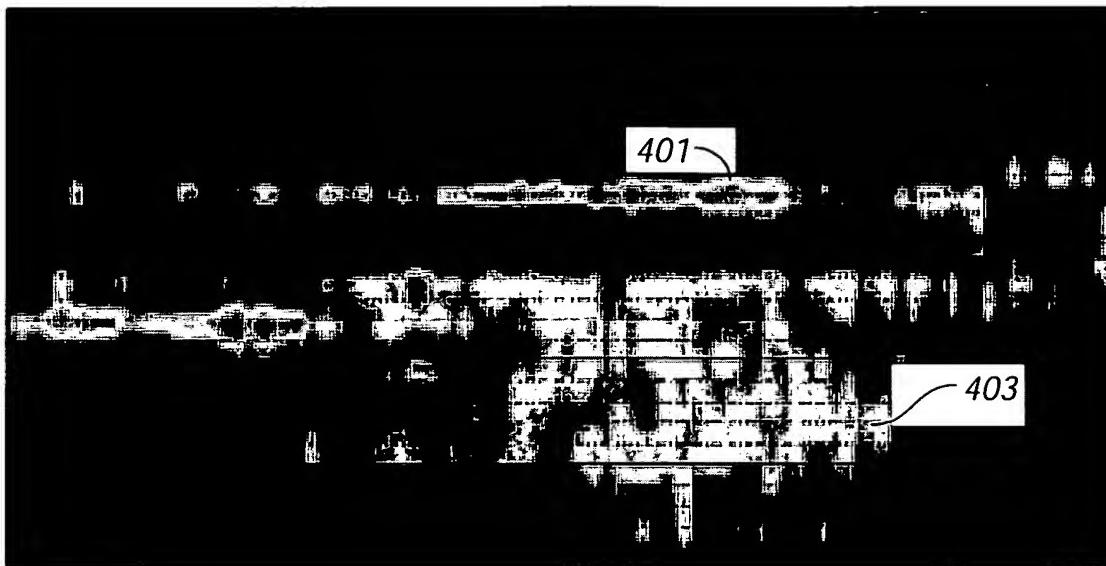


FIG. 2

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High energy below reservoir at low frequency

FIG. 4



FIG. 5

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4/6

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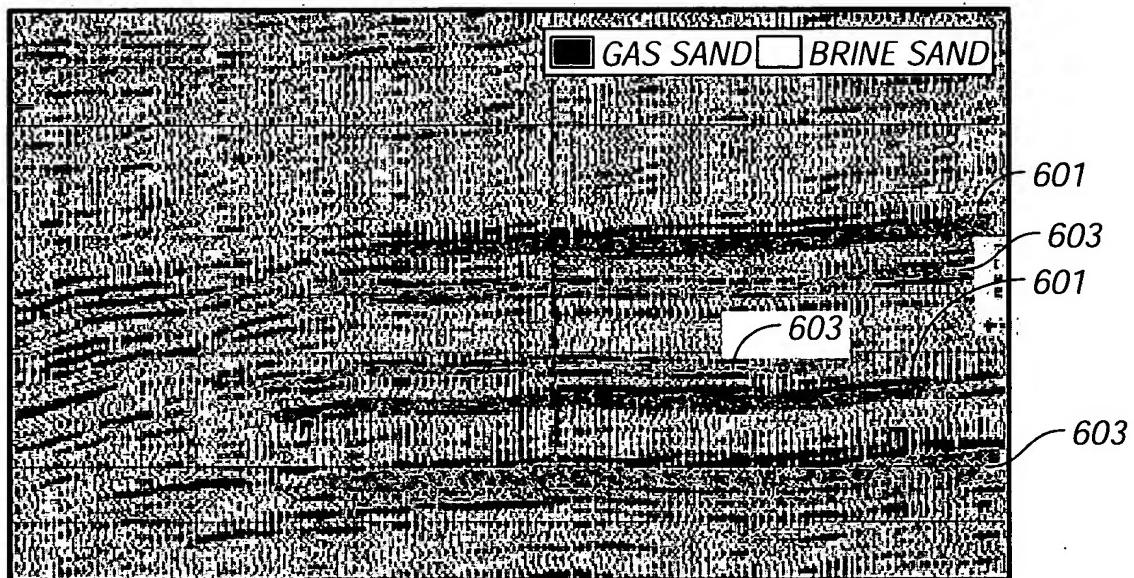


FIG. 6

5/6 BEST AVAILABLE COPY

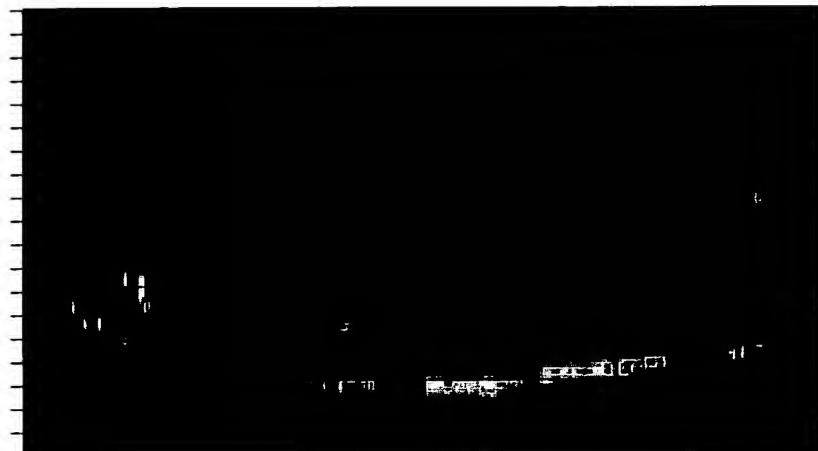


FIG. 7A

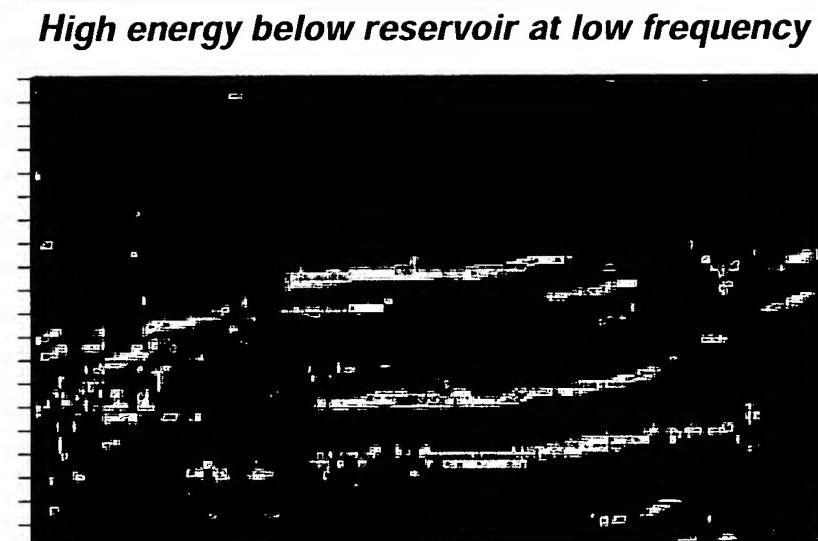


FIG. 7B

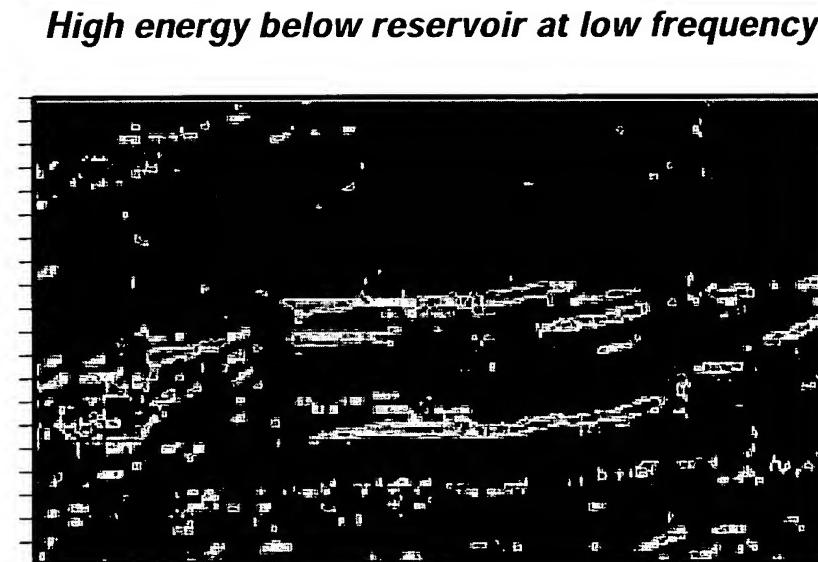


FIG. 7C

High energy below reservoir at low frequency

6/6

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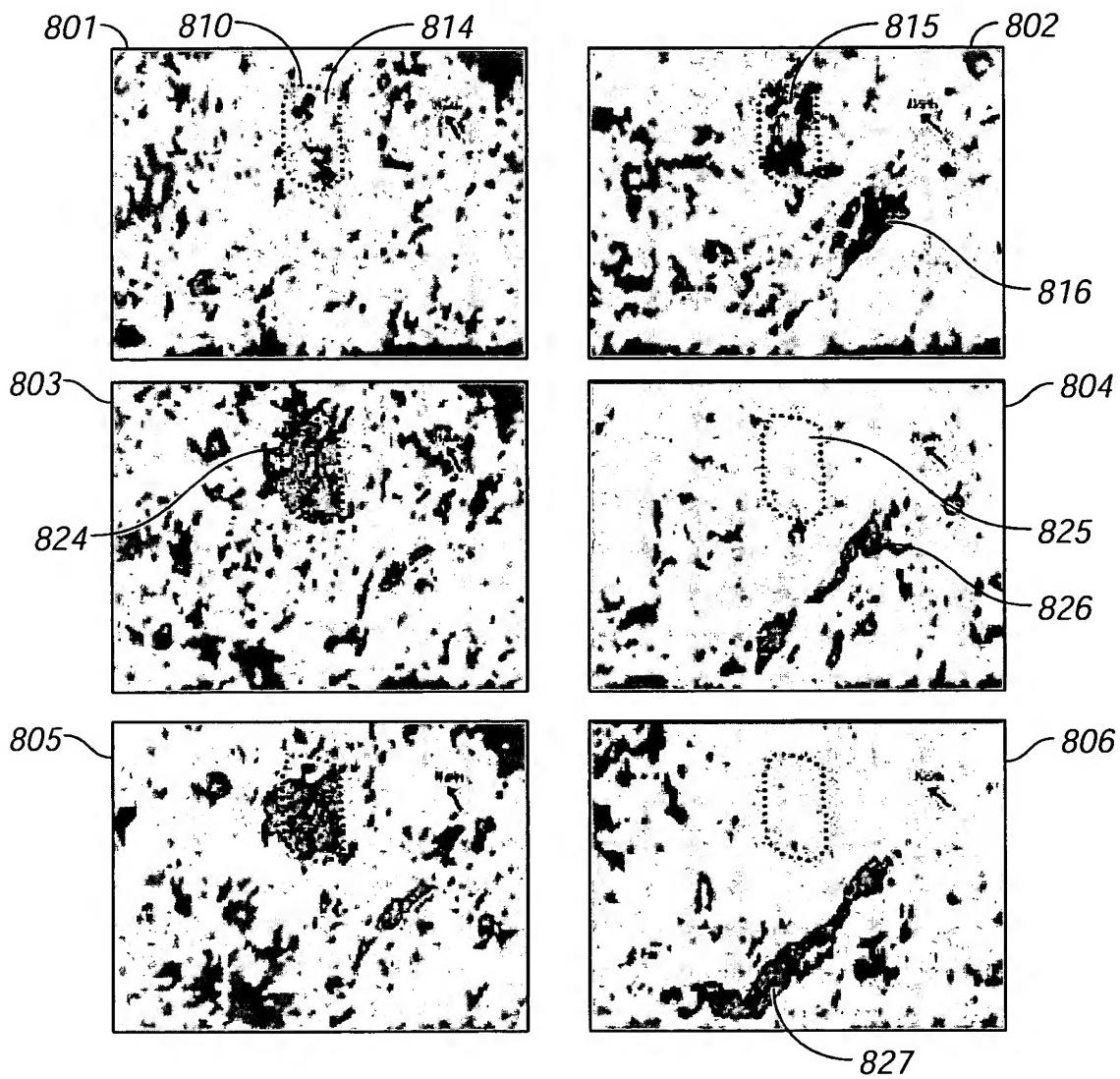


FIG. 8